Amendments to the Specification:

Please replace paragraph [0053] with the following amended paragraph:

[0053] For example, in measurement a packet size and a number of packets (VOLUME) as one type of measurement, there are provided tasks of the IP meter 11, i.e., a method for calculation by the IP meter 11 itself (VOLUME_CALC_ON_METER) and a method for transferring the captured packet, as it is, to the QoS server 12 (PACKET_COPY) or transferring the captured packet after condensed (CRC_CONDENSE). When the calculation is performed on the IP meter 11, a task on the QoS server 12 is not necessary, since the QoS server 12 is capable of using the resulted information as it is (NONE). In the other cases, the QoS server 12 performs a task to measure byte size information and packet number information by use of the packet thus transferred (VOLUME_~~CALCURATION~~ CALCULATION).

Please replace paragraph [0055] with the following amended paragraph:

[0055] The meter information database (MCDB) 108c is a database to manage information regarding the IP meter 11 included in the network 10. Fig. 5 is a diagram showing an example of a data structure of the meter information database 108c. As shown in Fig. 5, the meter information database 108c manages IP meter information 501, including IP meter identifier 502, ~~IP meter identifier 502,~~ IP address 503, port number 504, monitoring segment 505, measurement characteristic 506, time synchronism 507, maximum number of rules 508, current number of rules 509, IP meter status 510, and last update date and time 511.

Please replace paragraph [0094] with the following amended paragraph:

[0094] The measurement task derivation module 102 transmits the measurement request information 52 and the service level task information 53 thus generated to the task generating module 103 and the task ~~derivation~~ distribution module ~~102~~ 104, respectively. Further, the measurement task derivation module 102 notifies the task generating module 103 of the measurement rule identifier 304 included in the user information data 301, and notifies the task distribution module 104 of the QoS calculation identifier 305.